

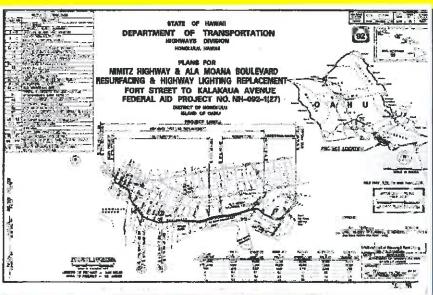


- Current Projects in Construction
- Current Projects with future phases
- Upcoming Projects

### **Current Construction Projects**

- Nimitz Highway and Ala Moana Boulevard, Resurfacing and Highway Lighting Replacement Fort Street to Kalakaua Avenue
- Interstate Route H-1 Rehabilitation, Vicinity of Middle Street to Ward Avenue
- Interstate Route H-1 Airport Viaduct Improvements,
   Vicinity of Valkenburgh Street to Middle Street
- Vineyard Boulevard Resurfacing, Vicinity of Palama
   Street to Interstate Route H-1 On and Off Ramp
- Middle Street Pavement Reconstruction, King Street to Kamehameha Highway
- Liliha Street Rehabilitation, North King St. to School St.

### Nimitz Highway and Ala Moana Boulevard Resurfacing and Highway Lighting Replacement Fort Street to Kalakaua Avenue



#### SCOPE

Replace the existing pavement and highway lighting at Nimitz Highway and Ala Moana Boulevard.

EST. COST

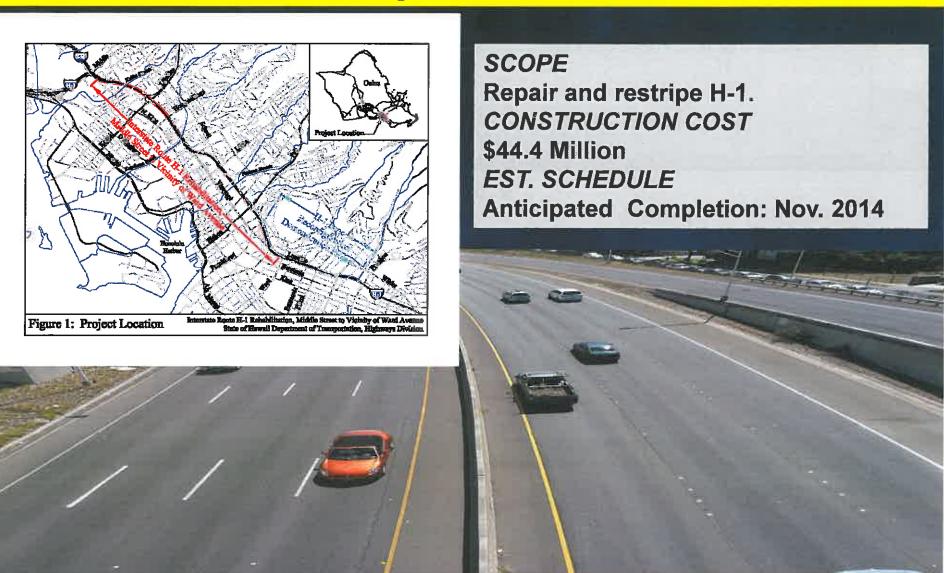
\$63.2 Million

**EST. COMPLETION DATE** 

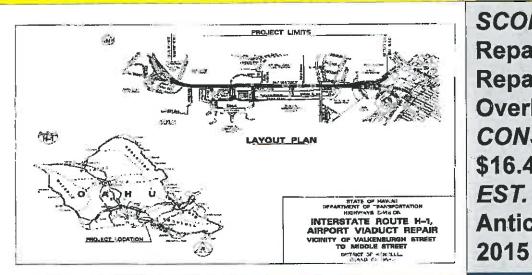
**April 2015** 



# **Interstate Route H-1 Rehabilitation Middle Street to Vicinity of Ward Avenue**



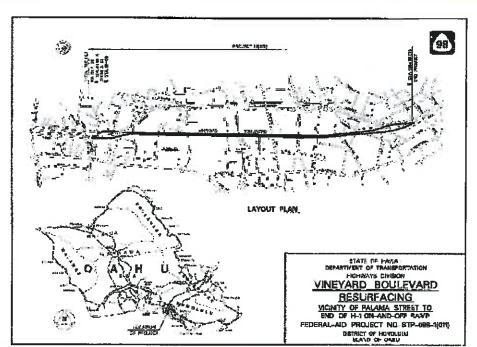
# Interstate Route H-1, Airport Viaduct Improvements, Valkenburgh Street to Middle Street



SCOPE
Repair the concrete deck,
Repair the joint armor,
Overlaying with a thin layer of concrete.
CONSTRUCTION COST
\$16.4 Million
EST. SCHEDULE
Anticipated Completion: December



# Vineyard Boulevard Resurfacing Palama Street to H-1 On-and-Off Ramp



#### SCOPE

Replace the existing pavement at Vineyard Boulevard.

Replace damaged curb, gutter, and sidewalk.

Installing new concrete bus pads.

CONSTRUCTION COST

\$8.8 Million

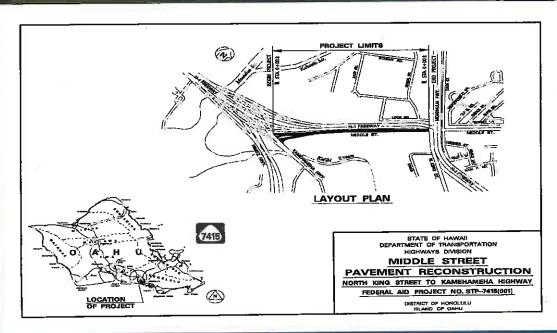
EST. SCHEDULE

**Anticipated Completion: Dec.** 

2014



### Middle Street Pavement Reconstruction King Street to Kamehameha Highway





#### SCOPE

Replace concrete and AC pavement sections of Middle Street with cast-in-place PCC pavement, pre-cast PCC pavement and pre-cast post-tensioned PCC pavement Install HMA overlay for shared use path, upgrading guardrails and end treatments Replace concrete curbs and gutters, and installing new highway lighting, loop detectors, traffic signal back plates, pavement markings, and vehicle overload detection system.

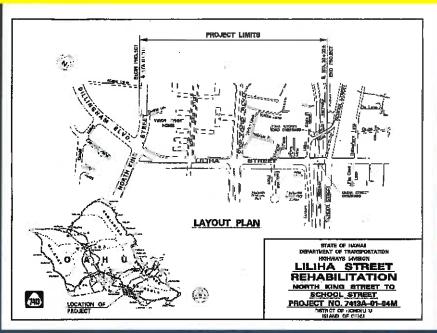
EST. COST

\$12.1 Million

EST. SCHEDULE

Bid Opened: Sept. 4, 2014

# Liliha Street Rehabilitation North King Street to School Street



#### SCOPE

Resurfacing of existing pavement.
Constructing curb ramps, driveways, sidewalks, bus pads, concrete guardrail. Installing guardrail, loop detectors, pavement marking, signing and striping.

EST. COST

\$4.0 Million

EST. SCHEDULE

**Advertised June 2014** 

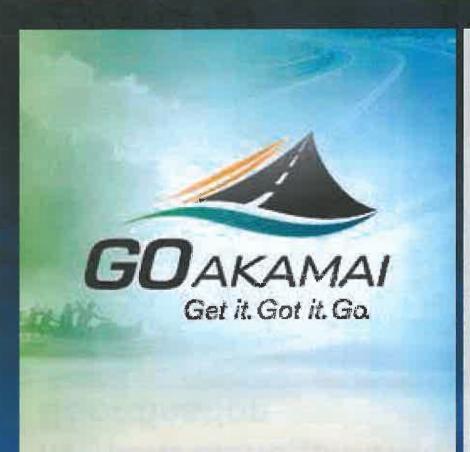


### **Current Projects with Future Phases**

### Traffic

- Freeway Management System (FMS)
- Incident Management Program & Interagency
- Incident Management Program Freeway Service Patrol Limits
- Advanced Traveler Information System Goakamai
- Advanced Traveler Information System 511 Phone Hotline, Highway Signs
- H-1 Core Variable Message Signs and Traffic Cameras
- ITS Statewide Architecture

### Freeway Management System (FMS)



**SCOPE** - Primary goals for HDOT's FMS program:

- Implement an interagency incident management program.
- Provide advanced traveler information.

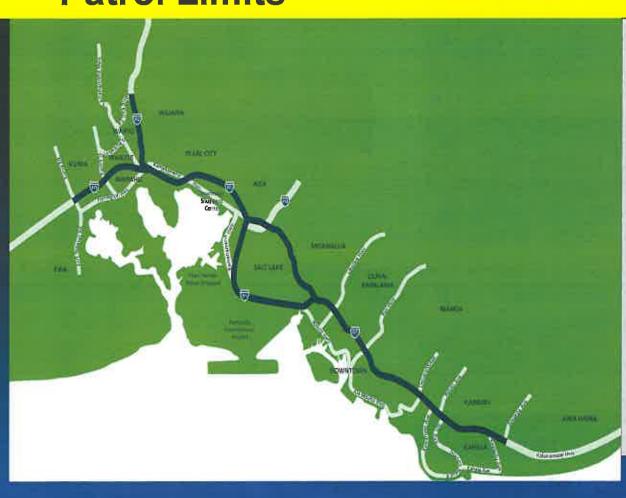
COST - \$200 million

# Incident Management Program & Interagency Coordination



- Freeway Service Patrol (FSP)
- Continue to work with Police, Fire, EMS and City & County of Honolulu Dept. of Transportation Services on incident management
  - Joint Traffic Management Center

### **Incident Management Program - Freeway Service Patrol Limits**

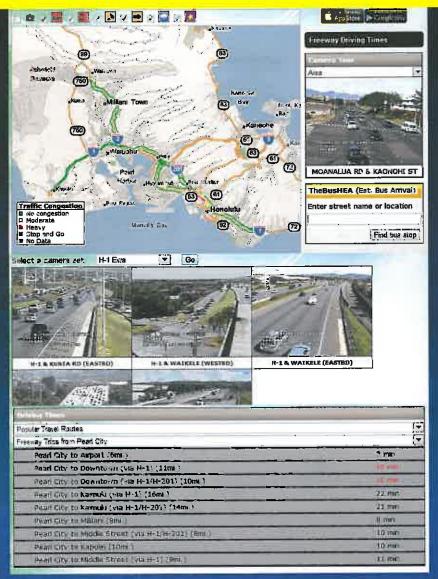


#### SCOPE

To provide minor assistance to motorists on the freeway and to assist emergency responders in clearing freeway incidents. COST

\$3 million per year

### **Advanced Traveler Information System – Goakamai**



- Provides 24/7 traffic congestion info for Oahu freeways
- Links over 200 traffic cameras for on-site snapshots around the island.
- Connects to bus transit, carpooling, roadwork, Freeway Service Patrol & other resources.
- Freeway travel time information and mobile app launched in August 2013.
- www.goakamai.org

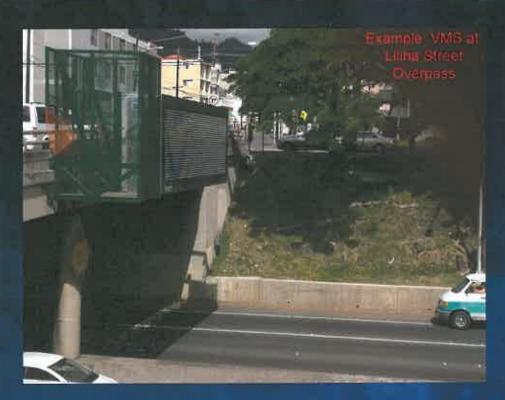
## Advanced Traveler Information System – 511 Phone Hotline, Highway Signs





- Gives motorists real-time traffic info via phone and electronic dynamic message signs.
- Info will also be used by TV newscasts & radio traffic reports
- 511 automated phone system. System launched Sept. 2013
- Electronic Dynamic Message Sigs – travel times are planned to be posted at Liliha St. and Kaamilo St.
- Gives motorists real-time traffic info via phone, internet & signs

## H-1 Core Variable Message Signs and Traffic Cameras



#### SCOPE

Installation of additional Variable Message Signs and CCTV Traffic Cameras.

EST. COST

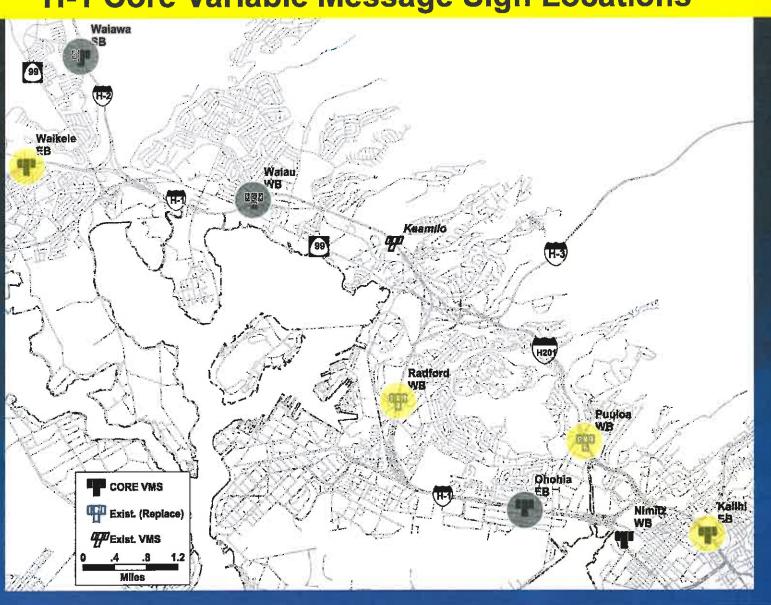
\$8 Million

EST. SCHEDULE

Anticipated RTA: October 2014

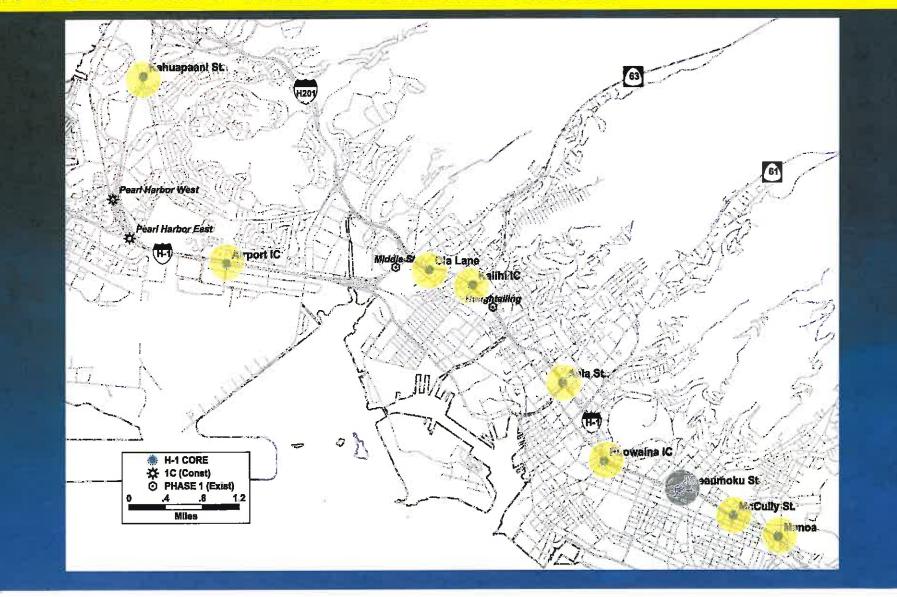


### H-1 Core Variable Message Sign Locations



## Wew Day "

### H-1 Core CCTV Traffic Camera Locations



#### **ITS Statewide Architecture**



#### SCOPE

- Develop ITS architecture plans for Maui, Kauai and Statewide functions
- Integrate existing Oahu and Big Island plans into statewide architecture
- Fulfills requirements to allow Federal Funds to be used for ITS Projects on the neighbor islands.

### \$800 thousand

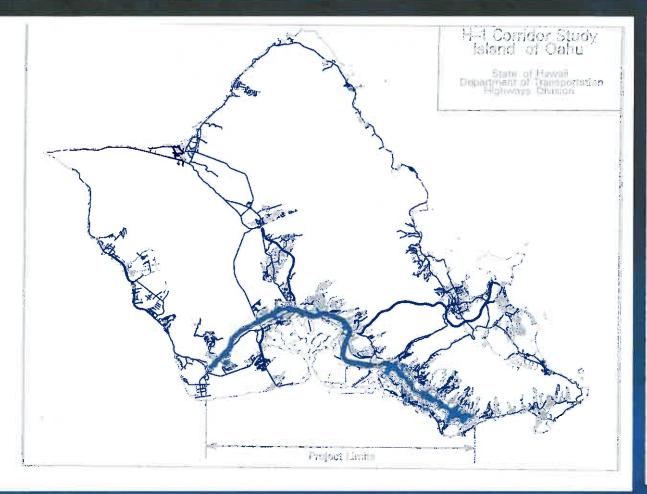
#### EST. SCHEDULE

- NTP in August 2014
- Completion: Fall 2016

### **Upcoming Projects**

- Interstate Route H-1 Corridor Study Kapolei to Ainakoa Ave
- Interstate Route H-1 Bridge Rehabilitation, Kapalama
   Canal Bridge
- Pali Highway: Resurfacing/Reconstructing,
   Waokanaka St to Kamehameha Hwy, Lighting & Guardrail Improvements, Vineyard Blvd to
   Kamehameha Hwy
- Likelike Hwy Resurfacing, School St to Emmeline St

### Interstate Route H-1 Corridor Study - Kapolei to Ainakoa Ave

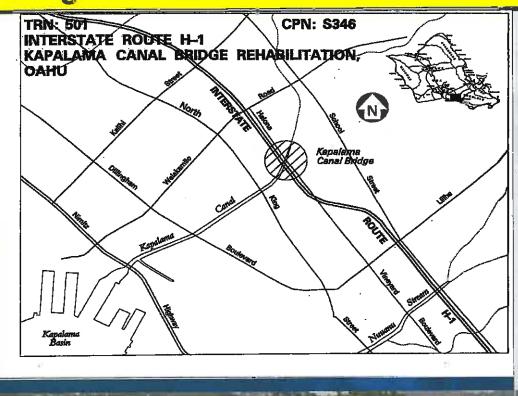


SCOPE
Identify areas within
the H-1 Corridor that
require improvements,
with a focus on
congestion and
capacity

EST. COST \$2.0 Million

SCHEDULE
Anticipated
Completion:
Spring 2105

# Interstate Route H-1 Bridge Rehabilitation - Kapalama Canal Bridge



#### SCOPE

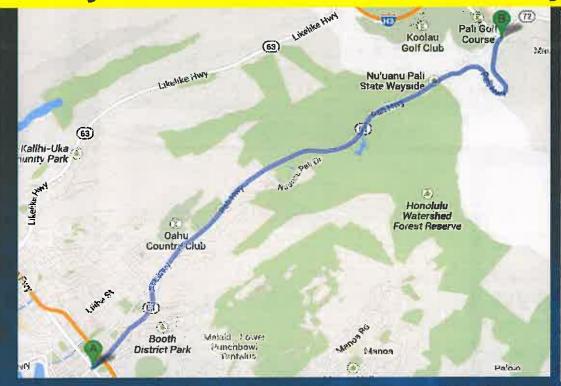
Rehabilitate or reconstruction the existing bridge to meet current design standards.

Making provisions to discourage people from making temporary shelters and living under the bridges.

EST. COST \$6 ~ 8 Million SCHEDULE

Preliminary engineering in progress

# Pali Highway -Resurfacing/ Reconstructing, Waokanaka St to Kamehameha Hwy, Lighting&Guardrail Improvements, Vineyard Blvd to Kamehameha Hwy



#### SCOPE

Resurfacing and reconstructing existing roadway Improving / Replacing existing street lighting with a flat lenses lighting

Upgrading guardrail and attenuators.

PART 1

EST. COST: \$30 Million

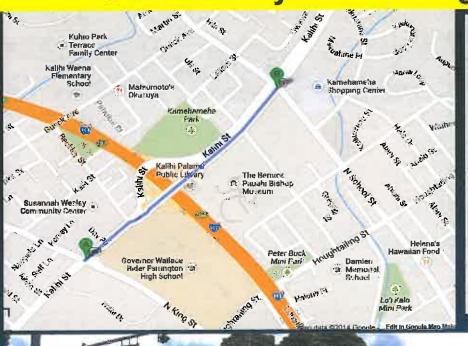
EST. Advertisement: April 2015

PART 2

EST. COST: \$8 Million

EST. Advertisement: Fall 2015

### Likelike Hwy Resurfacing, School St to Emmeline St



#### SCOPE

Resurfacing, guardrail replacement, signing, striping, and pavement marking.

EST. COST \$16 Million

EST. SCHEDULE

**Anticipated Advertisement: April 2015** 



### **Highway Maintenance**

#### **CONTACT INFORMATION**

- Report Potholes, Graffiti, Hazards
  - Highways Division Maintenance Hotline: 831-6714
- Questions & Concerns
  - DOT Community Affairs Office: 587-2160
  - E-mail: dotpao@hawaii.gov

